

ABSTRACT OF THE DISCLOSURE

A method for detecting motion pixels in image includes the following steps. The difference image between current image and background image is firstly obtained. Then, a binarization threshold from the distribution of all absolute
5 pixel values in the difference image is found. All or part of the pixel values, in difference image, whose absolute values are smaller than or equal to the binarization threshold is used to compensate the effect of illumination change and to obtain an updated difference image. The updated difference image is then binarized, and the binarized updated difference image whose values are high are
10 determined motion pixels.